

## ABSTRACT OF THE DISCLOSURE

The cleaning-friendly apparatus, such as a household kitchen appliance, which is suitable for heating food and/or in direct connection with these units, has a suitable long-lasting or permanent easily cleaned coating on its surfaces that are accessible to dirt. In order to provide this easily cleaned coating a mixture is applied to these surfaces, which contains a hydrolyzable, network-forming gel and a hydrophobic substance. The gel is preferably formed from  $\text{SiO}_2$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{Fe}_2\text{O}_3$ ,  $\text{In}_2\text{O}_3$ ,  $\text{SnO}_2$ ,  $\text{ZrO}_2$ ,  $\text{B}_2\text{O}_3$  and/or  $\text{TiO}_2$ . The hydrophobic substance is preferably chemically combined with the gel network.